

Fig.1 (Prior Art)
Alpha Format Packet

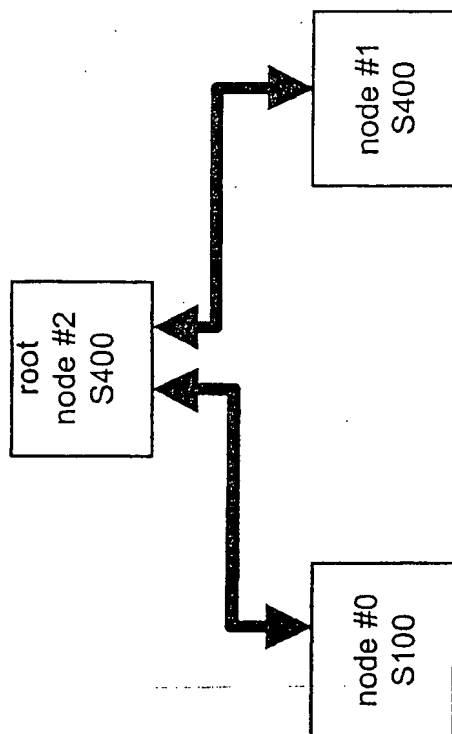


Fig. 2 (Prior Art)
Legacy Compatibility Example

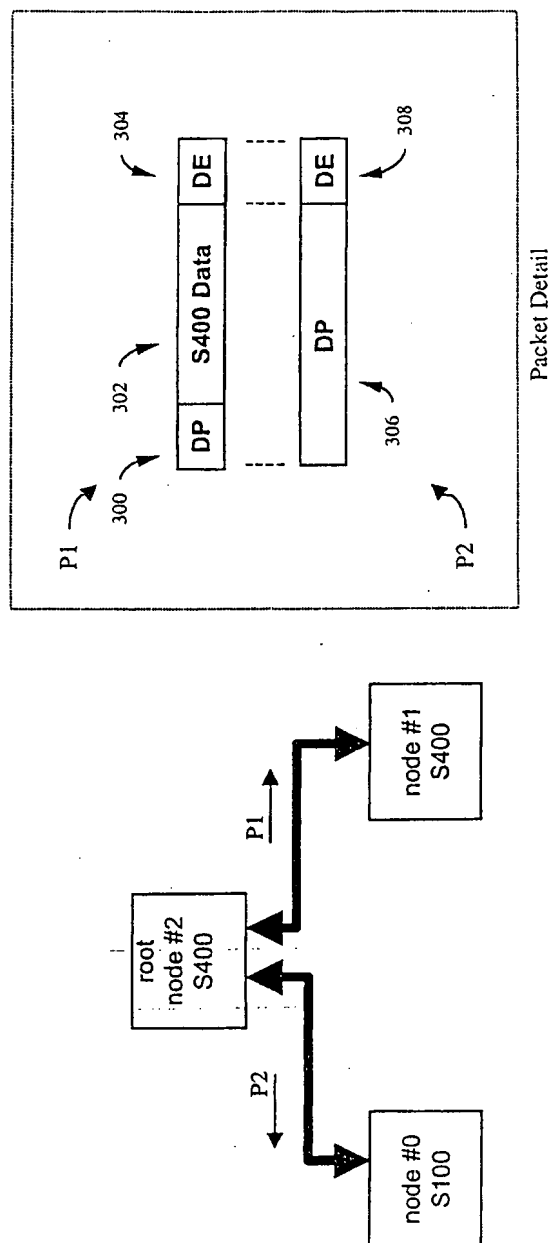


Fig. 3 (Prior Art)
 Legacy Speed Filtering Example

400



$$\left\{ \underline{\text{Sb1}} \quad \underline{\text{DP1}} \quad \underline{\text{B1}} \quad \dots \quad \underline{\text{Bn}} \quad \underline{\text{DE1}} \quad \underline{\text{DE2}} \right\}$$

Fig. 4 (Prior Art)
P1394b Packet Format

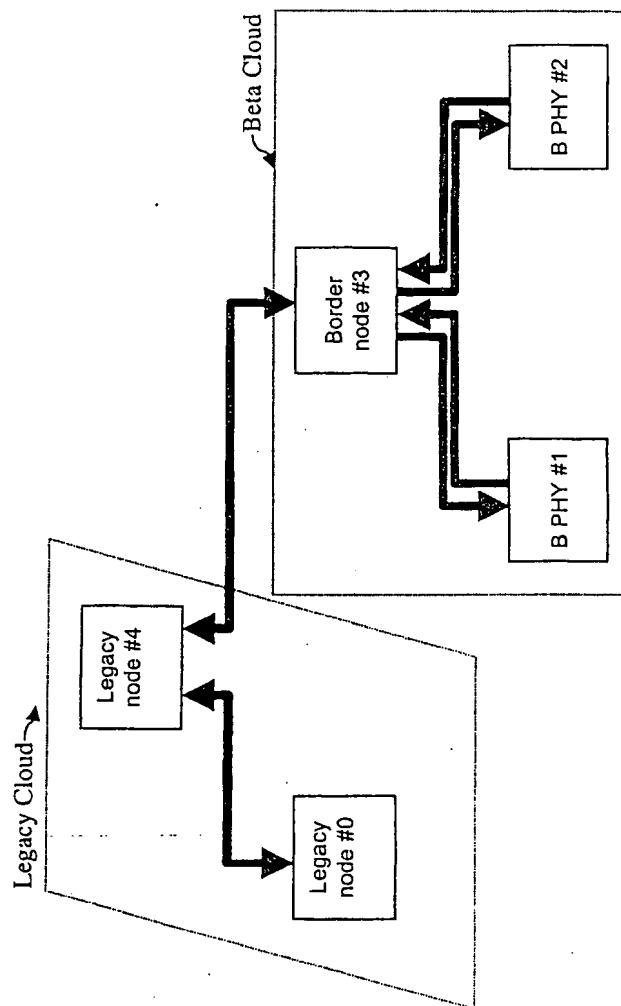


Fig. 5 (Prior Art)
Data Communications System Having both
P1394b and Legacy Devices

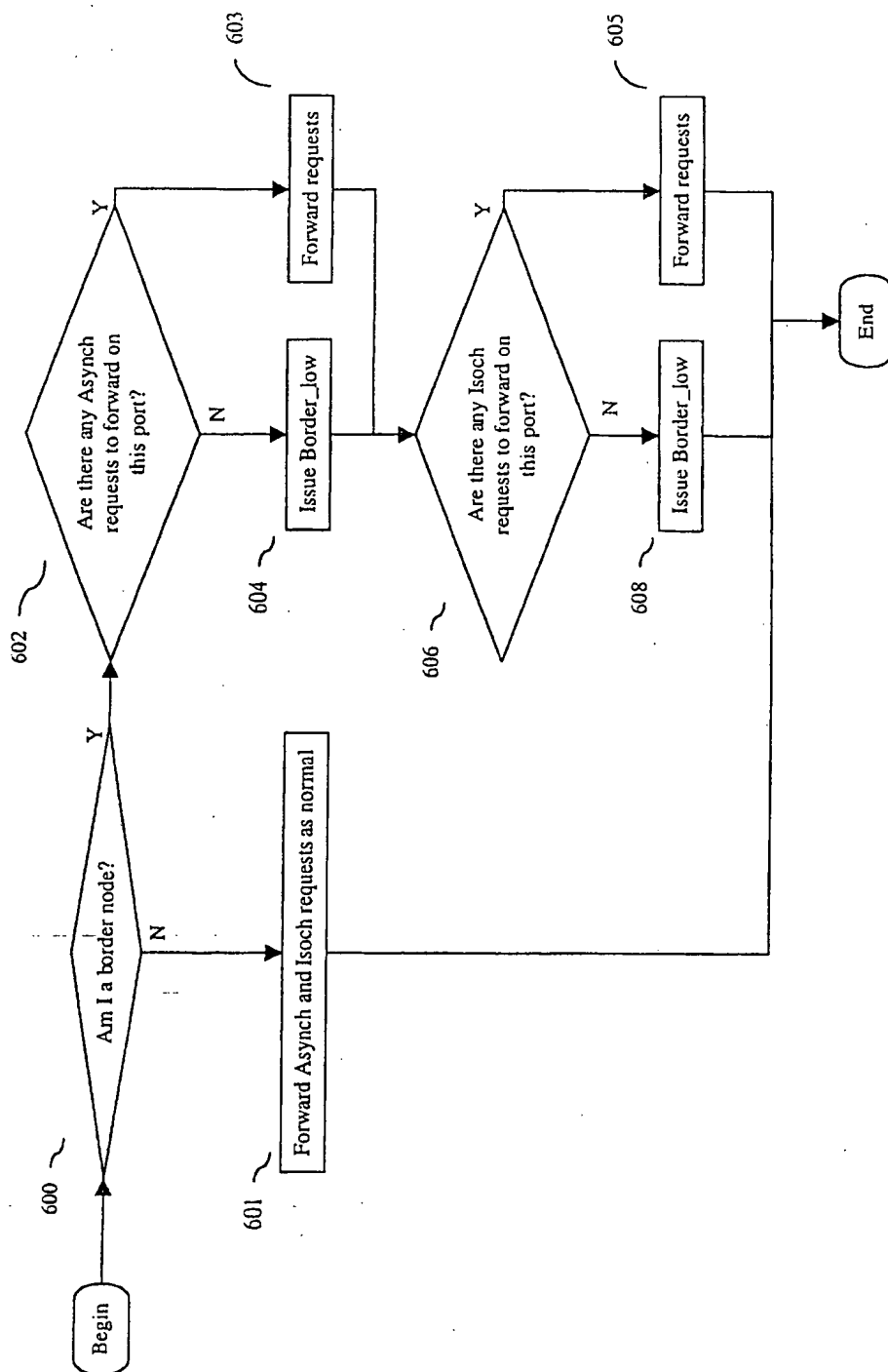


Fig. 6
Detection and Communication of Hybrid Bus
According to the Present Invention

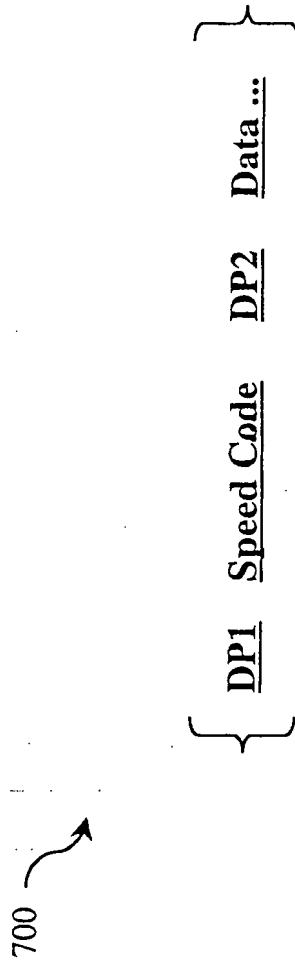


Fig. 7 (Prior Art)
Legacy Format Packet

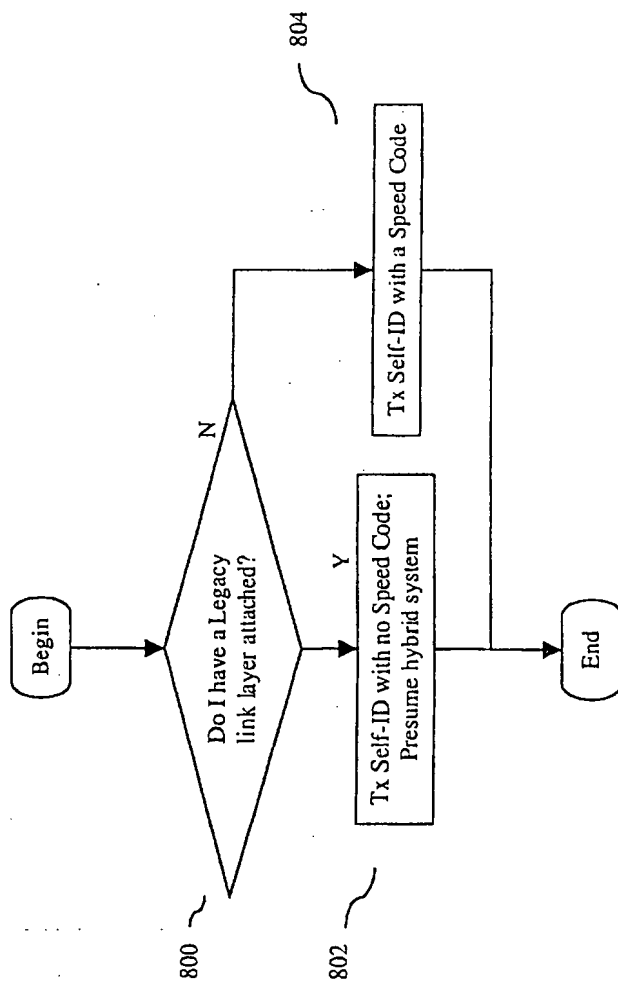


Fig. 8
Detection and Communication of a Legacy Link Layer
According to the Present Invention

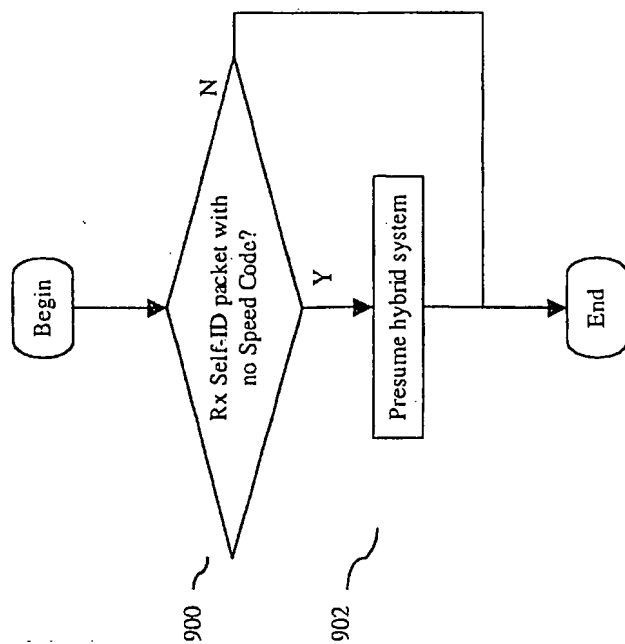


Fig. 9
Detection and Communication of Hybrid Bus
According to the Present Invention

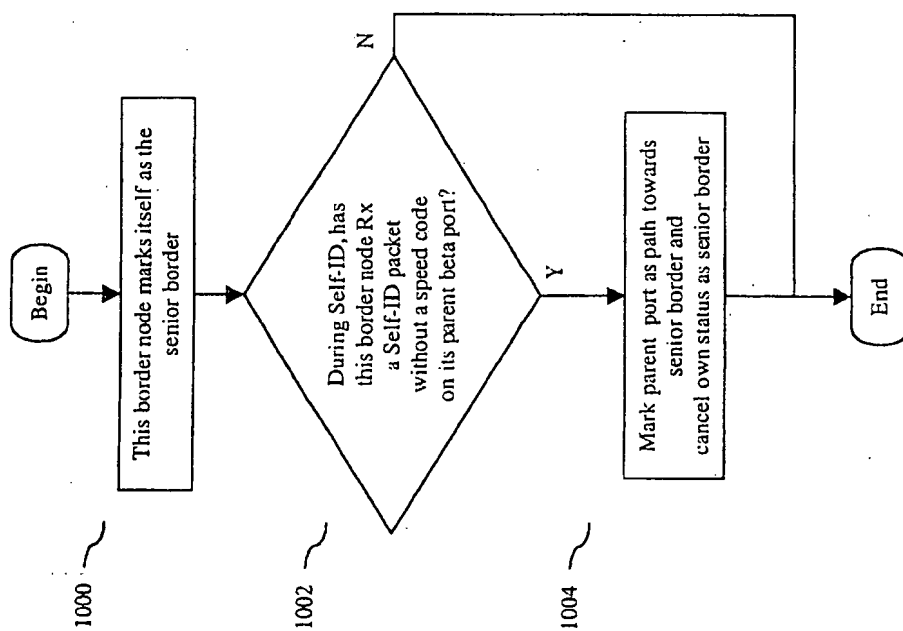


Fig. 10
Detection of Path to Senior Border
By a Border PHY
According to the Present Invention

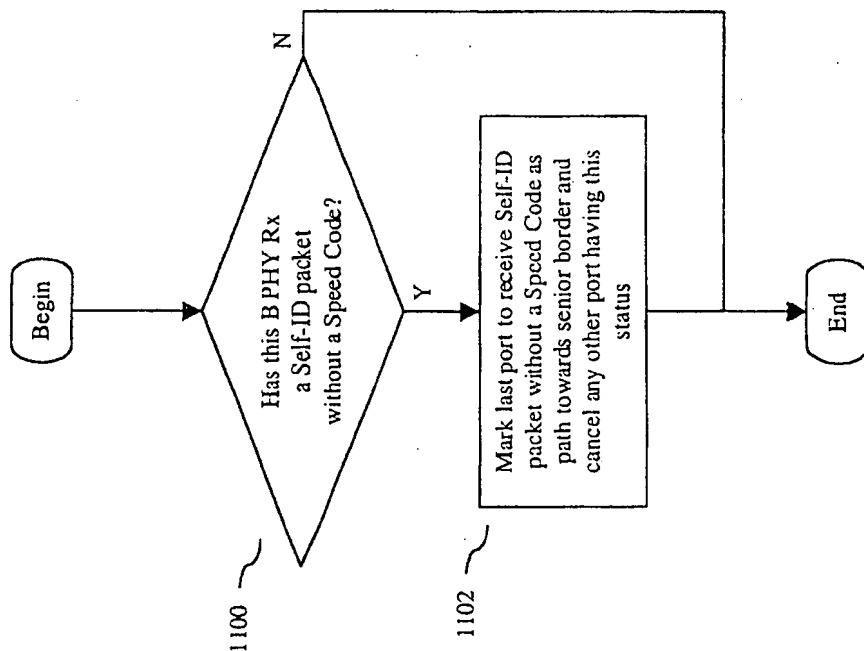


Fig. 11
Identification of Senior Border Node
By a B PHY
According to the Present Invention

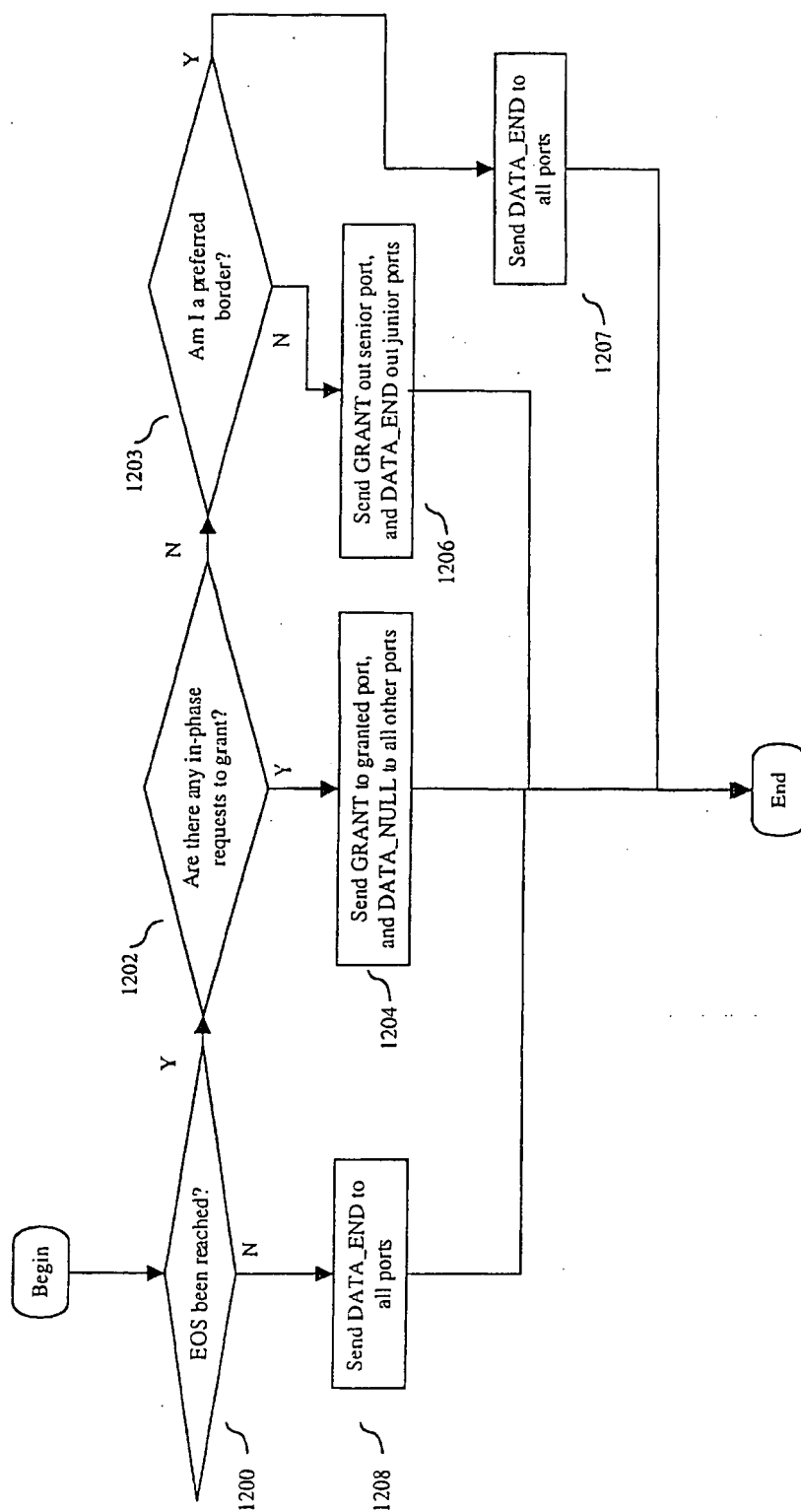


Fig. 12
 Restoring Senior Border as BOSS
 According to the Present Invention

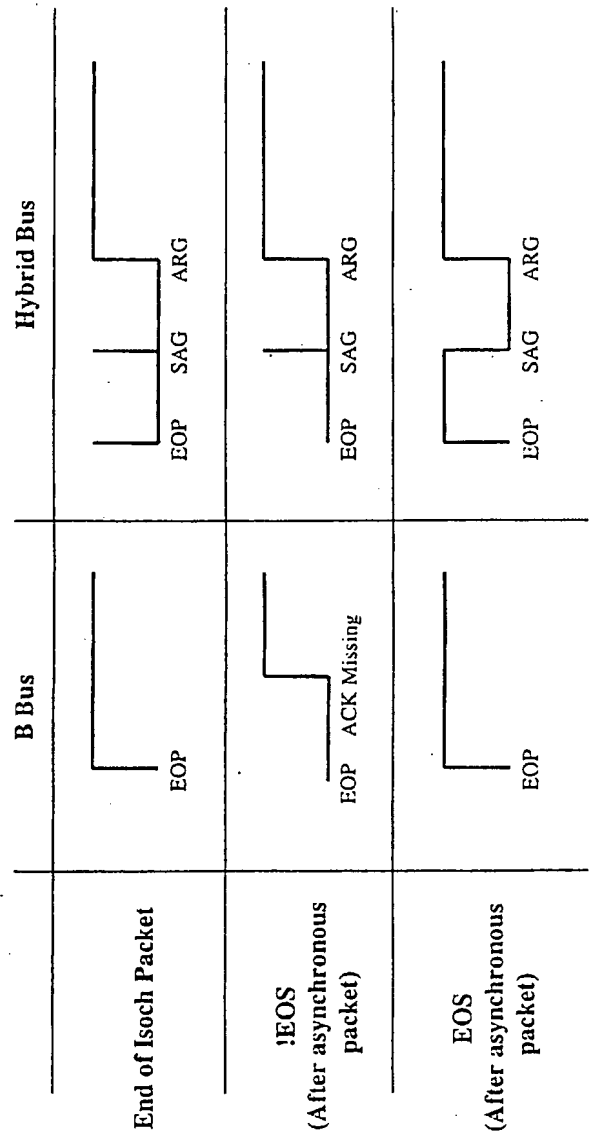


Fig. 13
OK_TO_GRANT Profile
According to the Present Invention